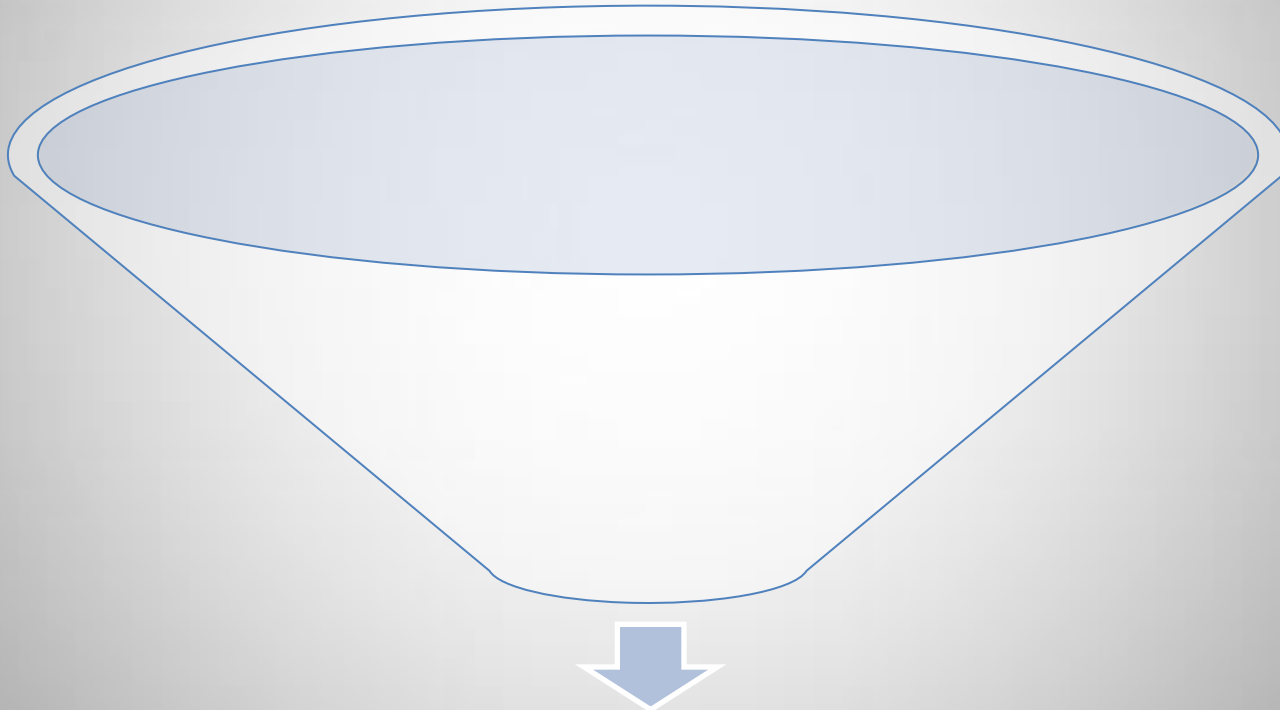


# Bond Task Force

## Project Evaluation Process

December 11, 2012



# Bond Project Ranking Scale

1= Highest Priority 10 = Lowest Priority

1	The project <b>MUST BE</b> part of the recommended bond package
2	
3	
4	The project <b>SHOULD</b> be part of the recommended bond package
5	
6	
7	The project <b>COULD</b> be part of the recommended bond package
8	
9	
10	The project <b>SHOULD NOT</b> be part of the recommended bond package

# Average (Mean), Median & Mode

Average (Mean): Add up all the numbers and then divide by the number of numbers

$$(10+4+4+7+2+5+3+3+4) \div 9 = 4.67$$

Median: The Median is the 'middle value' in your list

10,7,5,4,4,3,3,2

Mode: The mode in a list of numbers refers to the list of numbers that occur most frequently

10,7,5,4,4,4,3,3,2

# 2013 Bond Projects Under Consideration (All Projects)

Rank	Project	Avg. 1-10	Median	Mode	Cumulative Cost (Avg)	Proposed Bond 2012
1	Radio System Upgrade: \$4.3M	1.56	1	1	4.3	X
2	Granite Reef Watershed: \$3.5M	1.89	1.5	1	7.8	X
3	Police Civic Center Jail Consolidation: \$4.4M	2.11	2	1	12.2	X
4	Traffic Signal Controller Cabinet Upgrade & Replacement: \$9.8M	2.22	2	1	22	X
5a	Electronic Storage Replacement: \$2.6M	2.33	2	1	24.6	X
5b	Bring Existing Fire Stations to Compliance Standards: \$3.5M	2.33	2.5	1	28.1	X
7	Police Civic Center Station Expansion: \$3.9M	2.56	2.5	2	32	X
8	Bridge Safety Upgrades and Rehabilitation Project: \$1.5M	2.71	2	1	33.5	
9a	Integrated Financial, Human Resources and Purchasing System \$4.5M	3.11	3	3	38	X
9b	Court Remodel/Expansion - \$4.5M	3.11	3	3	42.5	X
9c	Desert Foothills Fire Station 613: \$3.5M	3.11	3	3	46	X
12	Downtown Public Parking Economic Development Investment: \$8.0M	3.14	3	2	54	
13	Hayden Road Intersections at Chaparral and Camelback Roads: \$5.5M	3.22	3.5	1	59.5	X
14	Pinnacle Peak Park Improvements: \$ 3.8M	3.29	3	3	63.3	
15a	Aquatics Chemical System Replacement: \$1.7M	3.33	2.5	1	65	X
15b	Accessible Curb Ramps – ADA compliance: \$2.0M	3.33	4	4	67	X
17	Fire Training Facility Expansion: \$4.9M	3.43	3	2	71.9	
18a	Neighborhood Stormwater - \$1.5M	3.44	4	4	73.4	X
18b	Vista del Camino Park/Indian Bend Wash Renovation: \$8.3M	3.44	4	4	81.7	X
18c	Ballfield Lighting System Replacement – Phase I: \$2.4M	3.44	4	4	84.1	X
21a	McDowell Road Storm Drain Improvements: \$1.5M	3.57	4	1	85.6	
21b	Camelback Road Storm Drain Improvements: \$4.0M	3.57	4	1	89.6	
23	Expansion of Via Linda & Granite Reef Senior Centers: \$7.1M	3.67	3.5	3	96.7	X
24a	Downtown Civic Center Master Plan Improvements / Renovations: \$8.3M	3.71	3	3	105	
24b	Pima Freeway (SR 101L) Signalized Intersection Upgrades: \$2.5M	3.71	3	2	107.5	
26	Desert Mountain Fire Station 616: \$4.6M	3.78	3.5	2	112.1	X
27a	City Fountain Renovations: \$0.4M	3.86	3	1	112.5	
27b	Civic Center Library Improvements Phase II: \$5.1M	3.86	4	3	117.6	X
29	Downtown Pedestrian Improvements: \$4.0M	3.89	4.5	5	121.6	X



## 2013 Bond Projects Under Consideration (All Projects)

30	Public Safety Via Linda Facility Expansion: \$12.5M	4.11	4	4	134.1	X
31	Purchase Land for Fire Station 612: \$1.0M	4.22	4	4	135.1	X
32a	Scottsdale Road Resort Corridor Utility and Streetlight Aesthetic Enhancement: \$14.7M	4.29	5	6	149.8	
32b	Advance Funding for Loop 101 Access Improvements: \$11.0M	4.29	3	1	160.8	
32c	Indian Bend / West World Trail and Path Connections: \$6.9M	4.29	4	2	167.7	
35	Expired/Quiet Pavement Replacement \$15.4M	4.33	4.5	4	183.1	X
36	Airpark Roadway Circulation Phase II: \$13.3M	4.44	4	4	196.4	X
37a	Loop 101 Detention Basin: \$6.3M	4.56	4	4	202.7	X
37a	Loop 101 Detention Basin Outfall: \$5.0 M	4.56	4	4	207.7	X
39a	Indian Bend Road/Lincoln Drive Flood Hazard Mitigation: \$2.7M	4.67	4	4	210.4	X
39b	Citywide Trails Implementation: \$4.0M	4.67	4	4	214.4	X
41a	Street Operations Maintenance Building: \$1.1M	4.78	5.5	7	215.5	X
41b	East Union Hills Interceptor Channel: \$3.3M	4.78	4	4	218.8	X
43	SCPA Renovations Phase III: \$4.3M	4.86	3	3	223.1	
44	Chaparral Road Streetscape Improvements: \$1.3M	4.89	4.5	3	224.4	X
45	Powerline Interceptor Channel: \$5.6M	5	4	4	230	X
46a	Police Training Facility: \$5.2M	5.14	6	7	235.2	
46b	Purchase Land for North Police Facility: \$4.5M	5.14	7	7	239.7	
48	Preserve Trailhead Projects: \$10.0M	5.57	5	7	249.7	
49	Paiute Community Center Renovations: \$7.6M	5.86	7	8	257.3	
50a	Thompson Peak Parkway Bridge: \$5M	6.14	7	8	262.3	
50b	Desert Discovery Center: \$49M	6.14	5	10	311.3	

Must Be Included
Should Be Included
Could Be Included
Should NOT Be Included

Under \$200M
\$200-250M
Over \$250M

# Tonight's Goal

Take formal action to divide the projects under consideration into three groups:

1. Projects to include in the current bond program
2. Projects to eliminate from the current bond program
3. Projects that merit further deliberation

## Projects Under Consideration - Group A

Rank	Project	Avg. 1-10	Median	Mode	Cumulative Cost (Avg)	Proposed Bond 2012
1	Radio System Upgrade: \$4.3M	1.56	1	1	4.3	X
2	Granite Reef Watershed: \$3.5M	1.89	1.5	1	7.8	X
3	Police Civic Center Jail Consolidation: \$4.4M	2.11	2	1	12.2	X
4	Traffic Signal Controller Cabinet Upgrade & Replacement: \$9.8M	2.22	2	1	22	X
5a	Electronic Storage Replacement: \$2.6M	2.33	2	1	24.6	X
5b	Bring Existing Fire Stations to Compliance Standards: \$3.5M	2.33	2.5	1	28.1	X
7	Police Civic Center Station Expansion: \$3.9M	2.56	2.5	2	32	X
8	Bridge Safety Upgrades and Rehabilitation Project: \$1.5M	2.71	2	1	33.5	
9a	Integrated Financial, Human Resources and Purchasing System \$4.5M	3.11	3	3	38	X
9b	Court Remodel/Expansion - \$4.5M	3.11	3	3	42.5	X
9c	Desert Foothills Fire Station 613: \$3.5M	3.11	3	3	46	X
12	Downtown Public Parking Economic Development Investment: \$8.0M	3.14	3	2	54	
13	Hayden Road Intersections at Chaparral and Camelback Roads: \$5.5M	3.22	3.5	1	59.5	X
14	Pinnacle Peak Park Improvements: \$ 3.8M	3.29	3	3	63.3	
15a	Aquatics Chemical System Replacement: \$1.7M	3.33	2.5	1	65	X
15b	Accessible Curb Ramps – ADA compliance: \$2.0M	3.33	4	4	67	X
17	Fire Training Facility Expansion: \$4.9M	3.43	3	2	71.9	
18a	Neighborhood Stormwater - \$1.5M	3.44	4	4	73.4	X
18b	Vista del Camino Park/Indian Bend Wash Renovation: \$8.3M	3.44	4	4	81.7	X
18c	Ballfield Lighting System Replacement – Phase I: \$2.4M	3.44	4	4	84.1	X

Must Be Included
Should Be Included
Could Be Included
Should NOT Be Included

Under \$200M
\$200-250M
Over \$250M



## Projects Under Consideration - Group B

Rank	Project	Avg. 1-10	Median	Mode	Cumulative Cost (Avg)	Proposed Bond 2012
21a	McDowell Road Storm Drain Improvements: \$1.5M	3.57	4	1	85.6	
21b	Camelback Road Storm Drain Improvements: \$4.0M	3.57	4	1	89.6	
23	Expansion of Via Linda & Granite Reef Senior Centers: \$7.1M	3.67	3.5	3	96.7	X
24a	Downtown Civic Center Master Plan Improvements / Renovations: \$8.3M	3.71	3	3	105	
24b	Pima Freeway (SR 101L) Signalized Intersection Upgrades: \$2.5M	3.71	3	2	107.5	
26	Desert Mountain Fire Station 616: \$4.6M	3.78	3.5	2	112.1	X
27a	City Fountain Renovations: \$0.4M	3.86	3	1	112.5	
27b	Civic Center Library Improvements Phase II: \$5.1M	3.86	4	3	117.6	X
29	Downtown Pedestrian Improvements: \$4.0M	3.89	4.5	5	121.6	X
30	Public Safety Via Linda Facility Expansion: \$12.5M	4.11	4	4	134.1	X
31	Purchase Land for Fire Station 612: \$1.0M	4.22	4	4	135.1	X
32a	Scottsdale Road Resort Corridor Utility and Streetlight Aesthetic Enhancement: \$14.7M	4.29	5	6	149.8	
32b	Advance Funding for Loop 101 Access Improvements: \$11.0M	4.29	3	1	160.8	
32c	Indian Bend / West World Trail and Path Connections: \$6.9M	4.29	4	2	167.7	
35	Expired/Quiet Pavement Replacement \$15.4M	4.33	4.5	4	183.1	X
36	Airpark Roadway Circulation Phase II: \$13.3M	4.44	4	4	196.4	X

Must Be Included

Should Be Included

Could Be Included

Should NOT Be Included

Under \$200M

\$200-250M

Over \$250M

## Projects Under Consideration - Group C

Rank	Project	Avg. 1-10	Median	Mode	Cumulative Cost (Avg)	Proposed Bond 2012
37a	Loop 101 Detention Basin: \$6.3M	4.56	4	4	202.7	X
37a	Loop 101 Detention Basin Outfall: \$5.0 M	4.56	4	4	207.7	X
39a	Indian Bend Road/Lincoln Drive Flood Hazard Mitigation: \$2.7M	4.67	4	4	210.4	X
39b	Citywide Trails Implementation: \$4.0M	4.67	4	4	214.4	X
41a	Street Operations Maintenance Building: \$1.1M	4.78	5.5	7	215.5	X
41b	East Union Hills Interceptor Channel: \$3.3M	4.78	4	4	218.8	X
43	SCPA Renovations Phase III: \$4.3M	4.86	3	3	223.1	
44	Chaparral Road Streetscape Improvements: \$1.3M	4.89	4.5	3	224.4	X
45	Powerline Interceptor Channel: \$5.6M	5	4	4	230	X
46a	Police Training Facility: \$5.2M	5.14	6	7	235.2	
46b	Purchase Land for North Police Facility: \$4.5M	5.14	7	7	239.7	
48	Preserve Trailhead Projects: \$10.0M	5.57	5	7	249.7	

Must Be Included

Should Be Included

Could Be Included

Should NOT Be Included

Under \$200M

\$200-250M

Over \$250M

## Projects Under Consideration - Group D

Rank	Project	Avg. 1-10	Median	Mode	Cumulative Cost (Avg)	Proposed Bond 2012
49	Paiute Community Center Renovations: \$7.6M	5.86	7	8	257.3	
50a	Thompson Peak Parkway Bridge: \$5M	6.14	7	8	262.3	
50b	Desert Discovery Center: \$49M	6.14	5	10	311.3	

Must Be Included

Should Be Included

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Should NOT Be Included

Under \$200M

\$200-250M

Over \$250M

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Take formal action to divide the projects under consideration into three groups:

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further deliberation